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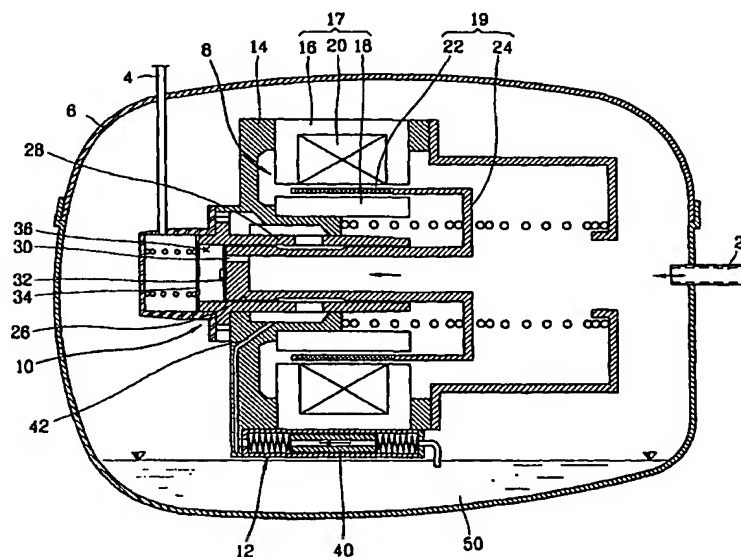
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[Continued on next page]

(54) Title: RECIPROCATING COMPRESSOR FOR COMPRESSING REFRIGERANT



(57) Abstract: A reciprocating compressor includes a driving unit (10) disposed inside a hermetic container (86) and generating a reciprocal motional force, a compression unit (10) for performing a compressing operation on a refrigerant upon receiving the reciprocal motional force generated from the driving unit (8); and a lubrication unit (12) for supplying a lubricant to each motional portion of the driving unit (8) and the compression unit (10) to perform a lubrication operation. Hydrocarbon consisting of carbon and hydrogen, a sort of natural refrigerant, is used as the refrigerant. The lubricant is a paraffin-based mineral lubricant, which is a sort of mineral oil and well harmonized with the natural refrigerant used for a refrigerator. Accordingly, a lubricating performance is improved and thus a performance of the reciprocating compressor can be enhanced.

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